

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1-35. (Canceled).

36. (New) A method for simultaneously viewing remote microscope images comprising virtual and real images and producing a seamless view of said real and virtual images comprising:

providing a virtual slide formed from a processed image of a slide;

providing a real microscope slide; and

automatically and sequentially shifting regions, and overlapping regions of images from the virtual slide and from the live microscope slide to obtain an optimal image.

37. (New) A method as in claim 36, further comprising using different levels of compression in the different regions.